

**USFS-WDFW-Howard Bros Cow Camp Project**  
**Pomeroy Ranger District**  
**Umatilla National Forest**  
**USDA Forest Service, Pacific Northwest Region**

**Objective/Purpose of Project:** Create pool habitat and complexity for fish, stabilize streambank damaged by flooding. Stop ongoing head cutting. Create off channel rearing and overwintering habitat. Plant trees, shrubs, and grass and recruit LWD. Armor undercut roads.

**Methods or Techniques Used:** Rosgen Stream Channel Classification & Restoration Techniques, Bioengineering using rock and boulder placements in association with LWD. Vortex's, j-hook, and semi-random placements.

**Realized/Expected results:** Pools numbers and complexity was increased, initial monitoring indications show increased fish densities occupying structures.

**Contact Person and telephone number:** Del Groat Pomeroy Ranger Dist. (509)843-4639 Terry Bruegman CCCD (509)382-4755 ext.5 Steve Martin WDFW (509) 382-1266

**Agreement Type(s):** Challenge Cost Share , Volunteer , Collection Agreement , Participating

**Primary Partner List:** Columbia County Conservation District , Howard Brothers , Washington Department of Fish and Wildlife

**Project Data:**

Category	# Miles Stream Restore	# Acres Lake Restore	# Miles Inven.	# Acres Inven.	# Monitor Plans	# Admin Studies	P&M Program Mgmt. Plan \$\$	P&M Overhead \$\$	P&M Total Ouput \$\$	Total FS + Partner \$\$	Other Res. \$\$	Partner \$	Total FS \$\$	In- kind \$
Totals	4	0	0	0	0	0	300	200	2500	9300	100	5800	3000	500
Anadromous / Catadromous	4	0	0	0	0	0	300	200	2500	9300	100	5800	3000	500
Inland Coldwater	4	0	0	0	0	0	300	200	2500	9300	100	5800	3000	500

















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